



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 5 x 1.5 (N)YMHY					
P.V.C - insulated & Sheathed,Multi-Core Cable with Flexible Conductor Type NYMHY, 300/500 V ACC(ISIRI 607-5) H05VV-F					
Cable Layer Construction		CU , PVC , PVC		LV	
Applicable Standard(s)		IEC 60227 & ISIRI 607-5 & IEC 60228			
Description			Unit	Specification	
CONDUCTOR	CU	Material		****	Plain Annealed Copper
		TYPE		****	Flexible (Class 5) RF
		No.of core & Conductor Area	L	no (mm ²)	3 x 1.5
			N		1 x 1.5
			PE		1 x 1.5
		No & Dia of Wire	L	no (mm)	30 x 0.24
			N		30 x 0.24
PE	30 x 0.24				
Shape		****	ROUND		
INSULATION	PVC	Material		****	Extruded PVC
		Thickness	L	mm	0.7
			N		0.7
			PE		0.7
Colour		L:Black,Brown,Red,N:Blue,PE:Green:Yellow			
Outer Sheath	PVC	Material		****	Extruded PVC
		Thickness		mm	1.1
		Colour		****	Black
Overall diameter (Approx.)			mm	10.1	
Cable Weight (Approx.)			Kg / km	166	
Packing			****	Drum	
Rated Voltage U ₀ /U (Um)			V	300 / 500	
System Frequency			Hz	50	
DC conductor resistant At 20 °C			Ω/ Km	13.3	
Conductor Short Circuit Current (1 Sec)			KA	0.167	
Test voltage			KV	2	
Max.Short circuit withstand current temperature			°C	+ 160	
Operation temperature			°C	- 30 to +70	
Special Proerties		Flame Retardant		IEC 60332-1-2	
(افشار مشهد) KHORASAN ELECTRIC IND.CO ISIRI(607)53 6950387946 H05VV-F 300/500 V NYMHY 5x1.5 mm2 MADE IN IRAN CE					